

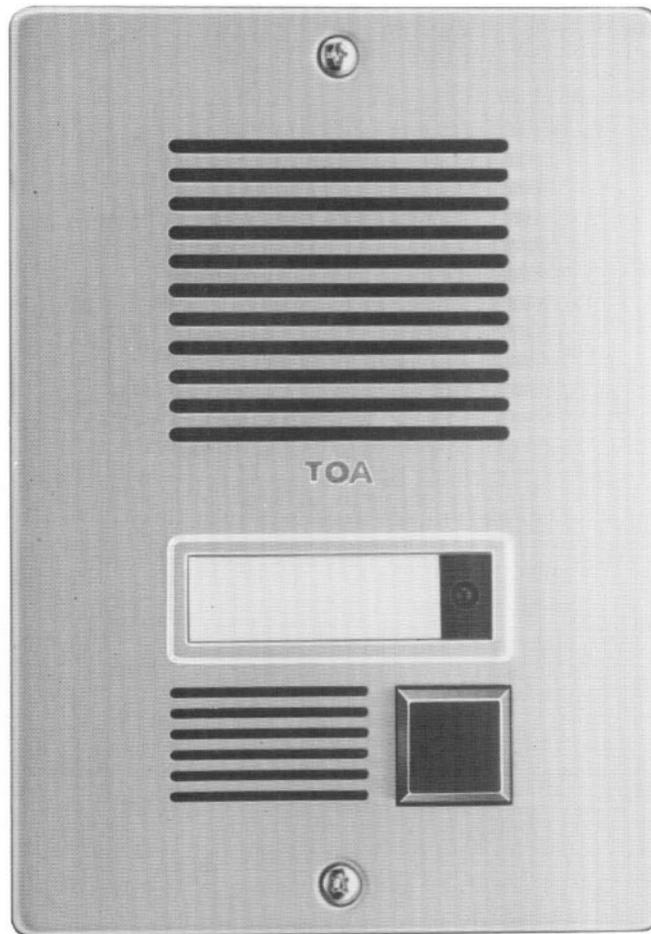
EXES-6000

HF-640S DOOR STATION

YC-150 FLUSH-MOUNTED BACK BOX

YC-150E FLUSH-MOUNTED BACK BOX

YS-13 SURFACE-MOUNTED BACK BOX



DOOR STATION
(HF-640S)

Features

1. Compact, weather-resistant type intercom station featuring hands-free operation.
2. Rugged flush- or surface-mounted type with stainless steel front panel.
3. Volume controls to adjust microphone sensitivity and speaker output level.
4. Call switch to either activate a call bell, chime, etc. or to initiate conversation.
5. In-use lamp for eavesdropping protection.
6. Non-polar 2-wire system.

General Description

The HF-640S intercom station for outdoor use is designed to operate in conjunction with the TOA fully electronic exchange, which features a built-in microcomputer with a memory for stored program control. The station can communicate with a designated master station in the system. In addition to intercommunication, there are several other functions designed into the system.

The station is equipped with a calling switch which can either activate a call bell, chime or other

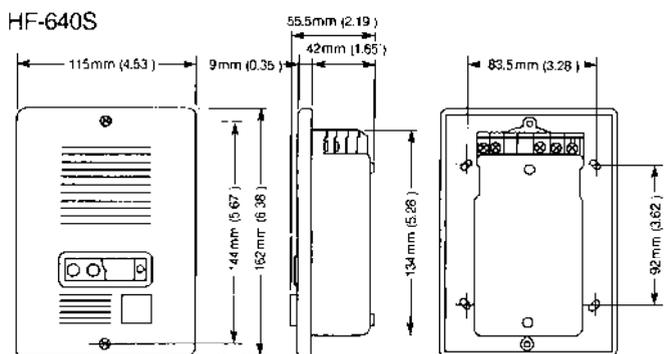
equipment, or which can initiate a call to a pre-programmed station.

The HF-640S has an in-use lamp and is fitted with volume controls to adjust microphone sensitivity and speaker output level. The front panel of the HF-640S is made of stainless steel. The YC-150/YC150E flush-mounted back box and the YS-13 surface-mounted back box are available as optional accessories for easy installation.

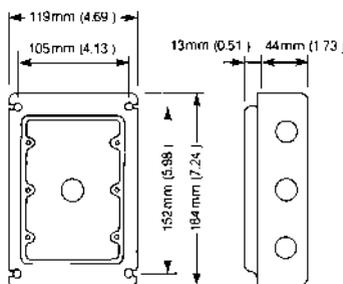
Specifications

Microphone Impedance and Sensitivity:	1k ohm/-68dB omnidirectional electret condenser microphone
Speaker:	8Ω, 2-1/2 inch dynamic speaker
Dialing System:	Amplitude modulated pulse number code
Line Impedance:	600 ohms balanced
Audio Frequency Range:	200Hz~7.5kHz
Calling Tone Signal Output Level:	70dB/30cm
Wiring System:	Non-polar 2-wire system
Current Consumption:	17mA (Max.)
Relay Contact Capacity for Remote Control:	DC 24V 1A
Ambient Temperature Range:	-10°C~+60°C (+14°F~+140°F)
Weight:	0.27kg (0.6 lbs)
Optional Accessories:	YC-150/YC-150E Flush-mounted type Back Box YS-13 Surface-mounted type Back Box
Associated Equipment:	EX-600 2-wire Exchange (Max. 32) EX-610 2-wire Exchange (Max. 64) EX-620 2-wire Exchange (Max. 128) EX-630 2-wire Exchange (Max. 256)

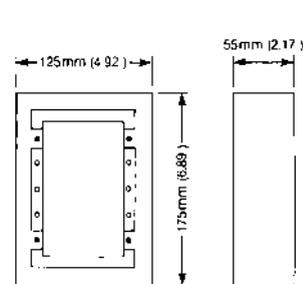
Dimensional Diagram



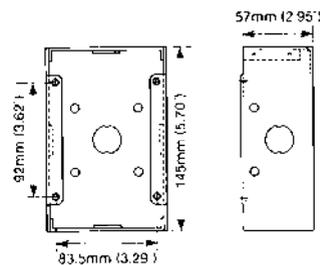
YC-150



YS-13



YC-150E



Architects and Engineers Specifications

The intercom door station shall be TOA model HF-640S. The station shall provide a calling switch and an in-use lamp. Volume controls for adjustment of the microphone sensitivity and speaker output level shall be built in the station. The front panel of HF-640S shall be stainless steel. The flush-mounting back box shall be TOA model YC-150/YC150E and the surface-mounting back box shall be model YS-13.



TOA Corporation

Specifications are subject to change without notice.